

1. DESIGN IS BASED ON A COMPILATION OF CRITERIA FROM THE INTERNATIONAL BUILDING CODE, LIFE SAFETY CODE, VETERANS ADMINISTRATION DESIGN MANUALS, VA SPECIFICATIONS, ETC. CONTRACTORS SHALL PAY CLOSE ATTENTION TO DOCUMENTS FOR UNIQUE CONDITIONS.
2. RESIDENTIAL ROOMS ARE ALL DESIGNED TO ACCOMMODATE HEARING IMPAIRED INDIVIDUALS. AS SUCH, MULTIPLE POWER PANELS ARE REQUIRED.
3. RESIDENTIAL ROOMS SHALL BE DESIGNED WITH CONSIDERATION OF INDIVIDUALS WHO MAY TRY "TRICK" WITH DEVICES TO OPEN LOCKS. THEREFORE, SCREWS/BOLTS SHALL BE USED WITH FIRE PROTECTION DEVICES IN GUEST ROOMS WHEREVER AVAILABLE.
4. UPON ACTIVATION OF A FIRE ALARM IT IS EXPECTED THAT ALL OCCUPANTS SHALL EVACUATE THE BUILDING.
5. ACCESS CONTROL DEVICES ARE PROVIDED WITH DELAYED EGRESS COMPONENTS IN ACCORDANCE WITH LIFE SAFETY CODE. SEE ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR OPERATIONAL SEQUENCE. UNDER NO CONDITION SHALL SUCH DEVICES VIOLATE SPECIFIC PROVISIONS OF THE LIFE SAFETY CODE.

1. SPRINKLER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE 2010 EDITION OF NFPA 13 AND SPECIFIC VETERANS ADMINISTRATION CRITERIA. SPRINKLERS SHALL BE INSTALLED THROUGHOUT.
2. A DOUBLE DETECTOR CHECK VALVE ASSEMBLY APPROVED BY USC SHALL BE USED AS REQUIRED BY FAYETTEVILLE WATER.
3. SHOP DRAWINGS SHALL BE SUBMITTED TO FAYETTEVILLE BACKFLOW CONTROL, FIRE DEPARTMENT, AND STATE HEALTH DEPARTMENT.
4. DESIGN AREA / DENSITY CRITERIA:
 - 4.1. ORDINARY HAZARD GR 1 SHALL BE USED IN MECHANICAL, ELECTRICAL, STORAGE, AND LAUNDRY ROOMS.
 - 4.2. LIGHT HAZARD IN OTHER AREAS.
 - 4.3. BASE DESIGN AREA SHALL BE 1,500 SQUARE FEET. AREA REDUCTIONS FOR QUICK RESPONSE SPRINKLERS ARE ALLOWED BASED ON HEIGHT OF RESPECTIVE AREA.
 - 4.4. HOSE DEMAND OF 100 GPM FOR LIGHT HAZARD, AND 250 GPM FOR ORDINARY HAZARD SHALL BE USED.
 - 4.5. VA REQUIRES THAT THE SYSTEM DEMAND BE AT LEAST 10% BELOW WATER SUPPLY CURVE FOR SAFETY FACTOR.
5. INSTITUTIONAL HEADS HAVING A DROP LOAD BREAKAGE OF NO MORE THAN 80 LBS ARE REQUIRED TO BE USED IN RESIDENTIAL SLEEPING AREAS AND THEIR RESTROOMS.
6. CONCEALED HEADS SHALL BE USED IN TELECOMMUNICATION ROOMS TO LIMIT CHANCE OF DAMAGE.
7. CPVC PIPING IS LOT PERMITTED PER VA.
8. FIRE DEPARTMENT CONNECTION SHALL HAVE A 5-INCH STORZ FITTING WITH 30 DEGREE ELBOW DOWN, ON A 4-INCH PIPE THAT BACK FEEDS INTO SYSTEM FEED MAIN. INSTALL PIPE IN CHASE PROVIDED. DRILL THROUGH EXISTING WALL.

—1HR—1HR—1HR—1HR— ONE HOUR FIRE RATING

1. ROOMS CONTAINING FIRE ALARM PANEL, SPRINKLER RISER, AIR CONDITIONING SYSTEMS SHALL BE IDENTIFIED BY APPROVED SIGNS TO IDENTIFY LOCATION. SIGNS SHALL BE PERMANENTLY INSTALLED AND READILY VISIBLE.
2. FIRE DEPARTMENT CONNECTIONS (FDC'S) SHALL INCLUDE 5-INCH STORZ CONNECTION WITH A LOCKING KNOP CAP. STORZ SHALL BE INSTALLED ON A 30 DEGREE ELBOW TURNED DOWN. OVERALL HEIGHT OF CONNECTION SHALL BE BETWEEN 30 AND 48 INCHES. SEE WWW.KNOXBOX.COM FOR KNOX COMPONENTS.
3. FDC SHALL BE WITHIN 100-FEET OF A FIRE HYDRANT.

LIGHT HAZARD 0.1/1,500.
QUICK RESPONSE HEADS,
AREA REDUCTION ALLOWED
PER NFPA 13. 100 GPM HOSE.

ORDINARY HAZARD 0.15/1,500.
QUICK RESPONSE HEADS,
AREA REDUCTION ALLOWED
PER NFPA 13. 250 GPM HOSE

CONSULTANTS:

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